

**A Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2016, Arizona**

R I Z O N A	Coal	Natural Gas <sup>a</sup>	Petroleum								Retail Electricity Sales	Net Energy <sup>e,f</sup>	Electrical System Energy Losses <sup>g</sup>	Total <sup>e,f</sup>
			Aviation Gasoline	Distillate Fuel Oil	HGL <sup>b</sup>	Jet Fuel <sup>c</sup>	Lubricants	Motor Gasoline <sup>d</sup>	Residual Fuel Oil	Total				
	Year	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Million Kilowatthours		
1960	(s)	16	699	1,404	34	4,721	193	11,759	17	18,829	0	--	--	--
1965	(s)	18	478	1,790	40	5,545	206	14,423	0	22,482	0	--	--	--
1970	(s)	24	427	3,192	63	6,644	229	20,940	0	31,494	0	--	--	--
1975	(s)	17	358	4,756	51	6,995	267	27,087	0	39,514	0	--	--	--
1980	0	21	281	6,480	78	7,967	347	30,100	0	45,253	0	--	--	--
1985	0	19	184	7,624	92	7,154	316	35,604	0	50,974	0	--	--	--
1990	0	25	194	7,936	55	8,501	355	38,566	0	55,608	0	--	--	--
1995	0	19	139	11,068	51	7,588	339	46,714	0	65,899	0	--	--	--
1996	0	18	155	12,618	35	7,922	329	48,944	0	70,003	0	--	--	--
1997	0	19	151	12,909	26	7,978	347	48,391	0	69,803	0	--	--	--
1998	0	20	191	13,805	7	8,677	364	52,152	0	75,196	0	--	--	--
1999	0	19	157	14,987	18	9,627	368	54,484	0	79,642	0	--	--	--
2000	0	21	204	14,474	23	10,433	362	56,056	0	81,551	0	--	--	--
2001	0	23	191	16,045	12	9,914	332	57,554	0	84,047	0	--	--	--
2002	0	21	183	15,237	18	10,344	328	60,279	0	86,389	0	--	--	--
2003	0	19	233	17,273	144	10,650	303	60,799	0	89,403	0	--	--	--
2004	0	17	164	18,934	122	8,256	307	64,007	0	91,789	0	--	--	--
2005	0	19	188	20,456	203	8,018	305	66,394	0	95,564	0	--	--	--
2006	0	23	177	21,703	233	7,721	298	68,043	0	98,175	0	--	--	--
2007	0	22	145	21,303	181	6,612	307	68,890	0	97,439	0	--	--	--
2008	0	24	156	18,674	269	6,763	285	64,665	0	90,814	0	--	--	--
2009	0	23	127	18,389	203	4,686	256	62,308	0	85,968	0	--	--	--
2010	0	17	186	18,637	70	3,687	R 470	62,109	0	R 85,159	0	--	--	--
2011	0	15	205	19,164	76	3,797	R 454	61,066	0	R 84,761	0	--	--	--
2012	0	14	167	18,365	86	3,812	R 411	60,471	0	R 83,312	0	--	--	--
2013	0	14	139	18,464	78	3,697	R 432	61,811	0	R 84,620	0	--	--	--
2014	0	16	205	18,452	94	3,792	R 442	62,359	0	R 85,344	0	--	--	--
2015	0	R 17	193	18,994	120	3,851	R 489	R 63,166	0	R 86,812	6	--	--	--
2016	0	17	160	19,577	124	4,394	474	65,457	0	90,185	7	--	--	--
Trillion Btu														
1960	(s)	16.5	3.5	8.2	0.1	25.3	1.2	61.8	0.1	100.2	0.0	116.7	0.0	116.7
1965	(s)	19.4	2.4	10.4	0.2	30.1	1.2	75.8	0.0	120.1	0.0	139.4	0.0	139.4
1970	(s)	25.4	2.2	18.6	0.2	36.4	1.4	110.0	0.0	168.8	0.0	194.1	0.0	194.1
1975	(s)	17.9	1.8	27.7	0.2	38.6	1.6	142.3	0.0	212.2	0.0	230.1	0.0	230.1
1980	0.0	22.3	1.4	37.7	0.3	43.9	2.1	158.1	0.0	243.6	0.0	265.9	0.0	265.9
1985	0.0	19.4	0.9	44.4	0.4	39.4	1.9	187.0	0.0	274.1	0.0	293.4	0.0	293.4
1990	0.0	26.1	1.0	46.2	0.2	47.3	2.2	202.6	0.0	299.5	0.0	325.6	0.0	325.6
1995	0.0	19.3	0.7	64.4	0.2	43.0	2.1	243.8	0.0	354.1	0.0	373.5	0.0	373.5
1996	0.0	17.8	0.8	73.4	0.1	44.9	2.0	255.4	0.0	376.7	0.0	394.4	0.0	394.4
1997	0.0	19.4	0.8	75.1	0.1	45.2	2.1	252.4	0.0	375.7	0.0	395.1	0.0	395.1
1998	0.0	20.5	1.0	80.3	(s)	49.2	2.2	272.0	0.0	404.7	0.0	425.2	0.0	425.2
1999	0.0	19.6	0.8	87.2	0.1	54.6	2.2	284.0	0.0	428.9	0.0	448.5	0.0	448.5
2000	0.0	21.7	1.0	84.2	0.1	59.2	2.2	292.3	0.0	439.0	0.0	460.6	0.0	460.6
2001	0.0	23.2	1.0	93.4	(s)	56.2	2.0	300.1	0.0	452.7	0.0	475.9	0.0	475.9
2002	0.0	21.5	0.9	88.7	0.1	58.6	2.0	314.1	0.0	464.4	0.0	485.9	0.0	485.9
2003	0.0	19.6	1.2	100.5	0.6	60.4	1.8	316.3	0.0	480.8	0.0	500.4	0.0	500.4
2004	0.0	17.5	0.8	110.2	0.5	46.8	1.9	332.9	0.0	493.0	0.0	510.5	0.0	510.5
2005	0.0	19.9	0.9	119.0	0.8	45.5	1.9	345.1	0.0	513.2	0.0	533.1	0.0	533.1
2006	0.0	23.0	0.9	125.9	0.9	43.8	1.8	353.2	0.0	526.5	0.0	549.6	0.0	549.6
2007	0.0	23.0	0.7	123.2	0.7	37.5	1.9	355.1	0.0	519.1	0.0	542.1	0.0	542.1
2008	0.0	24.8	0.8	107.9	1.0	38.3	1.7	331.5	0.0	481.3	0.0	506.1	0.0	506.1
2009	0.0	23.4	0.6	106.3	0.8	26.6	1.6	317.8	0.0	453.7	0.0	477.0	0.0	477.0
2010	0.0	17.8	0.9	107.7	0.3	20.9	R 2.8	315.4	0.0	R 448.0	0.0	R 465.8	0.0	R 465.8
2011	0.0	15.1	1.0	110.7	0.3	21.5	R 2.8	309.5	0.0	R 445.7	0.0	R 460.8	0.0	R 460.8
2012	0.0	14.4	0.8	106.0	0.3	21.6	R 2.5	306.2	0.0	R 437.4	0.0	R 451.8	0.0	R 451.8
2013	0.0	14.7	0.7	106.5	0.3	21.0	R 2.6	312.9	0.0	R 444.0	0.0	R 458.7	0.0	R 458.7
2014	0.0	16.2	1.0	106.4	0.4	21.5	R 2.7	315.5	0.0	R 447.5	0.0	R 463.7	0.0	R 463.7
2015	0.0	R 18.2	1.0	109.6	0.5	21.8	R 3.0	R 319.6	0.0	R 455.4	(s)	473.6	(s)	473.7
2016	0.0	17.6	0.8	112.9	0.5	24.9	2.9	331.1	0.0	473.1	(s)	490.8	(s)	490.8

<sup>a</sup> Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

<sup>b</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>c</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

<sup>d</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>e</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

<sup>f</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

<sup>g</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.